

OFFICE OF PUBLICATION: Nos. 14 and 16 VESEY STREET, NEW YORK CITY. ;
WESTERN OFFICE: 511 MONADNOCK BLDG., CHICAGO, ILL. ;

W. & J. SLOANE

CARPETS MADE BY HAND



French Aubusson Carpet. Style, Louis XIV.

THE luxurious furnishings of the modern home demand the highest grade of floor coverings. They must also possess these three important features: perfect harmony of color—correct style of design—and appropriate size.

¶ In this connection we offer our unequaled facilities, enhanced by years of experience and wide foreign connections, for the execution of orders for carpets or rugs in the French Aubusson and Savonnerie, Berlin, Turkey and other weaves. The designs are prepared by our own artists to maintain the style of decoration in the carpet or rug, and the fabric is woven in one piece to fit the room where it is to be used.

¶ We have in stock at all times a large collection of these beautiful floor coverings, especially woven by us in designs of the periods.

No catalogues are issued. Full details given upon application.

880 BROADWAY, NEW YORK



Windows are
made from
original designs

American
Windows

THE CHURCH GLASS AND DECORATING COMPANY OF NEW YORK is prepared to execute orders for all forms of Memorials, in any style that may be desired—Gothic, Romanesque, Byzantine, or Renaissance.



THE MEMORIAL WINDOWS of this Company are made of American Mosaic Glass, either in figure or ornamental designs, conventional or naturalistic treatment, and are unsurpassed for beauty of composition and color.



THE ARTISTS of the Church Glass and Decorating Company of New York have given great thought to the subject of American colored glass windows, and are now producing windows by the mosaic method, which they believe to be unexcelled for beauty of design, richness of color, and careful craftsmanship.

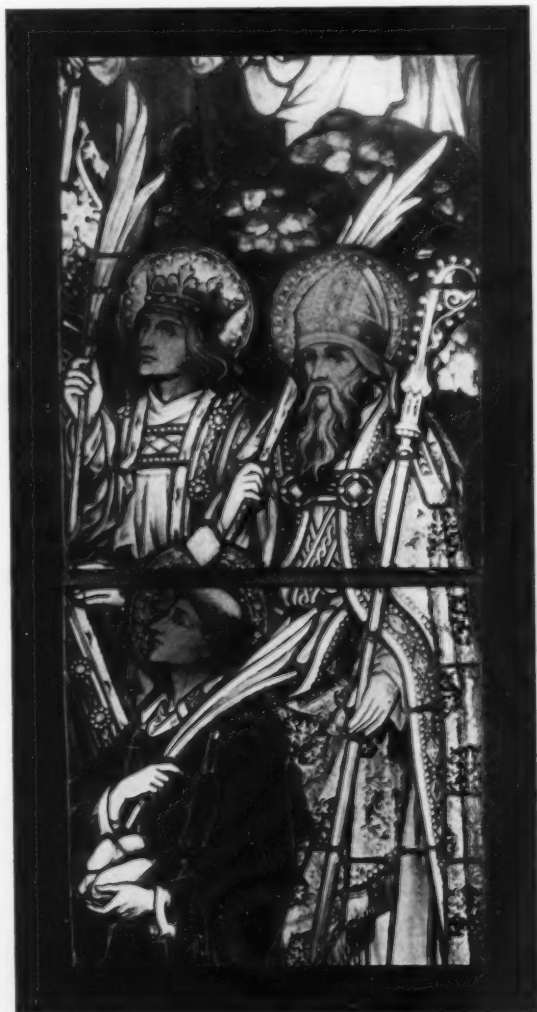
Church Glass and Decorating Company of New York

English Windows

THE ENGLISH stained glass windows handled by this Company are from the studios of John Hardman and Company of Birmingham, England, the oldest association of artists in glass anywhere in the world.

This firm came into existence at the time of the revival of Gothic architecture, at the suggestion of A. N. Welby Pugin, the Father of the Gothic Revival. Their windows are to be seen in all parts of the world, and are noted for the extreme purity of the Christian types represented.

Part of a light in the great chancel-window in St. Ignatius Church, Eighty-seventh Street and West End Avenue, New York City



A HARDMAN WINDOW

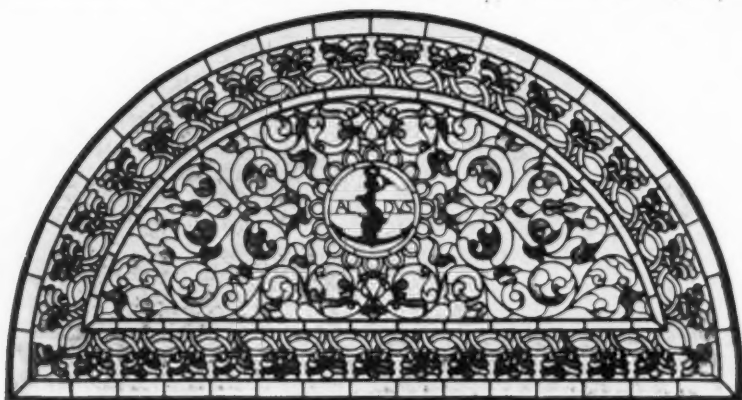


Mural
Decorations

THE MURAL DECORATIONS of the Church Glass and Decorating Company of New York are noted for their great richness in union with simplicity of line, while the motives employed are always churchly and in harmony with the architecture.

Church Glass and Decorating Company of New York

Glass that decorates, but does not destroy the light



LIBRARY-WINDOWS, MOTIVE OF A.D. 1565

ARCHITECTS IN their specifications for glass to be employed in private houses, hotels, and public buildings, where the light is needed (hence colored glass is debarred), are now calling for clear leaded glass, realizing that very beautiful decorative effects can be obtained by the artistic arrangement of the leads.



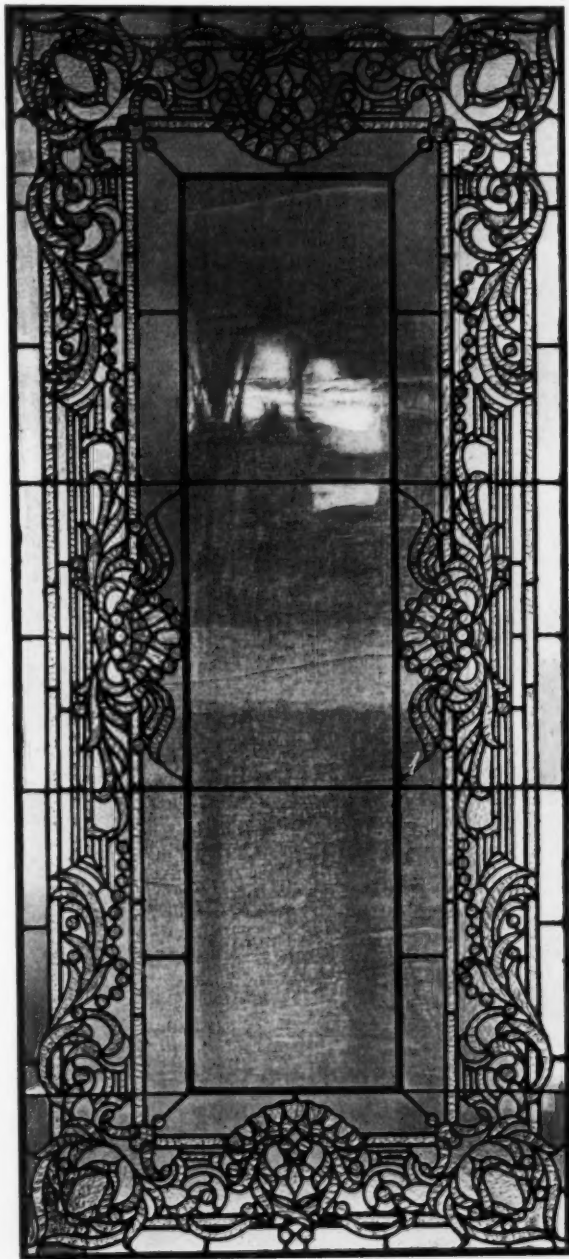
TO MEET this demand, the Church Glass and Decorating Company of New York have made a very careful study of the subject, and of late have produced windows of this nature, closely following historic motives, combining the leads with clear glass of varying textures, thus emphasizing the leaded pattern without obscuring the light.



THE COMPANY unhesitatingly recommends this form of glass for domes, doors, and screens between rooms, where light is an essential requisite, and where an artistic architectural decorative motive is demanded.

Church Glass and Decorating Company of New York

A Decorative
Motive of the
Time of Louis
XVI



No. 28 West Thirtieth Street, New York



Only the
best metal
employed

THE METAL WORK of the Church Glass and Decorating Company of New York is marked by beauty and originality of design, by durability and good craftsmanship.



RECTERNS, Tablets, Crosses, Candlesticks, Crucifixes, Rails, Lamps, Gates, Wall-crosses, Alms-basins made of bronze, brass, silver, and gold.



Memorial
Tablets and
Decorations

MEMORIAL TABLETS in marble, bronze, brass, and mosaic.

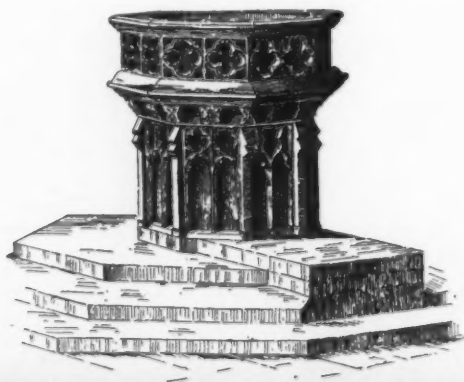


ALTARS, FONTS, Pulpits, and Cenotaphs of marble, stone, alabaster, mosaic, metal, and wood.



CORRESPONDENCE INVITED; information given, designs and cost submitted.

Church Glass and Decorating Company of New York, 28 West Thirtieth Street



Ye olde Colonial style of Handles for Entrance Doors



PUTNAM.

POO27 SOMERSET.

PROCKTER, JR.

·RVSSSELL & ERWIN·MFG·CO·
·CONTRACT·AND·ART·DEPARTMENT
·N^o·26·WEST·TWENTY·SIXTH·STREET·
·NEW·YORK·



Independence Hall

—the Cradle of Liberty—one of the most valuable buildings belonging to this country—is covered with “Taylor Old Style” roofing tin. This building was originally roofed with wooden shingles. When these began to lose their usefulness, the building was covered with sheet copper. It was believed then that this would be the most durable roof that could be had. The copper wore out rapidly. Those having the safekeeping of this building in charge made a thorough investigation, and the result is that twenty years ago it was roofed with “Taylor Old Style” tin. This shows how the decision goes when architects and roofers are determined to get the best roofing at any cost.

Here is a striking example of the durability of “Taylor Old Style” tin. An old landmark in Philadelphia, the Bloodgood Hotel on Dock Street, was torn down some years ago to make room for the Pennsylvania Railroad Freight Station. When the roof was taken off, it was found that the “Taylor Old Style” tin upon it, although it had been in active service for forty-four years, was bright and perfect—just as good as when it was put on, with every prospect of lasting many years longer. We are making the same kind of tin to-day as was made then.

We want every man who is interested in the roofing of any building, public or private, that requires a permanent roof, to know the facts about “Taylor Old Style” tin. If you are investing money in a building which may be jeopardized by a bad roof, write for “A Guide to Good Roofs” and other literature about “Taylor Old Style” tin.

N. & G. Taylor Company

ESTABLISHED 1810

Philadelphia



HOT WATER
From
CELLAR to ROOF

MONARCH

The illustration depicts a multi-level basement or cellar. At the top, a woman is shown in a bathtub. Below her, another woman stands near a sink. In the foreground, a woman is seated at a table, and a small child is standing nearby. A large, ornate radiator is visible in the background. The entire scene is framed by a decorative border with a lion's head at the top.

AN INDEPENDENT HEATER. placed in the basement; uses gas only while water is being drawn.

¶ Fine Hot Water service reflects credit on the Architect and is a continual pleasure to the householder.

¶ Everyone should know of the wonderful Monarch Heater.

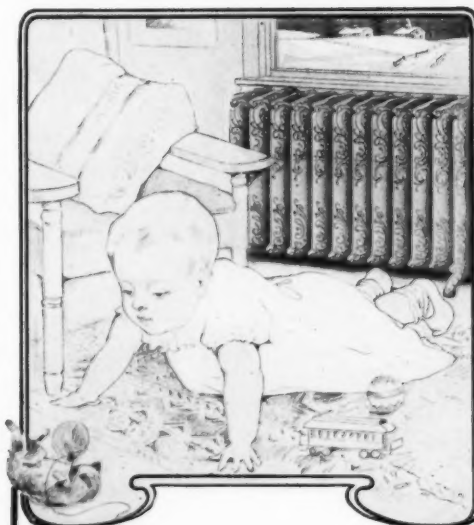
WRITE FOR CATALOGUE

MONARCH
Water Heater
Company

PITTSBURGH, PA.

New York Branch
909 7th Avenue

Philadelphia Branch
Builders' Exchange



Warm floors

Children can play on the floors, by the windows, in corners, anywhere and everywhere, in homes warmed by

AMERICAN & IDEAL
RADIATORS & BOILERS

With old-fashioned heating methods the cold air currents cross the floor of the room to the hot air register, stove or fireplace, making unpleasant or dangerous drafts.

In steam and hot water warming, the heat is made to steadily circulate day and night through every inch of the piping and hollow radiators, placed to arrest and genially warm the cold air as it enters at doors and windows—all cold drafts are thus prevented.

Fuel and labor-savings pay for the outfit—which outlasts the building. Put in OLD buildings—farm or city—without disturbing occupants or partitions, or removing present heating methods until ready to start fire in the new. Inquiries stating size and kind of building you wish to heat are very welcome. Sales branches and warehouses throughout United States and Europe. Six cold months ahead—write today.

AMERICAN RADIATOR COMPANY

Dept. 15

CHICAGO



American Bridge Company of New York

GENERAL OFFICES

42 Broadway, New York, N. Y.

Designers and Builders of all classes of Metallic Structures

BRANCH OFFICES IN THE FOLLOWING CITIES:

Atlanta, Ga.	English-American Building
Baltimore, Md.	Continental Trust Building
Boston, Mass.	89 State Street
Buffalo, N. Y.	Ellicott Square Building
Chicago, Ill.	Monadnock Block
Cincinnati, Ohio	Union Trust Building
Cleveland, Ohio	Rockefeller Building
Denver, Colo.	Equitable Building
East Berlin, Conn.	
Kansas City, Mo.	Postal Telegraph Building
Milwaukee, Wis.	17th Street and St. Paul Avenue
Minneapolis, Minn.	7th Avenue and 2d Street
New Orleans, La.	Hennen Building
New York, N. Y.	42 Broadway
Philadelphia, Pa.	Pennsylvania Building
Pittsburg, Pa.	Frick Building
Portland, Me.	291 St. John Street
Rochester, N. Y.	Powers Block
Salt Lake City, Utah	Dooley Block
San Francisco, Cal.	Union Trust Building
Seattle, Wash.	Alaska Building
St. Louis, Mo.	Chemical Building
Syracuse, N. Y.	209 Kellogg Street

Geo. A. Fuller Company



BROAD-EXCHANGE BUILDING, NEW YORK.
Clinton & Russell, Architects.

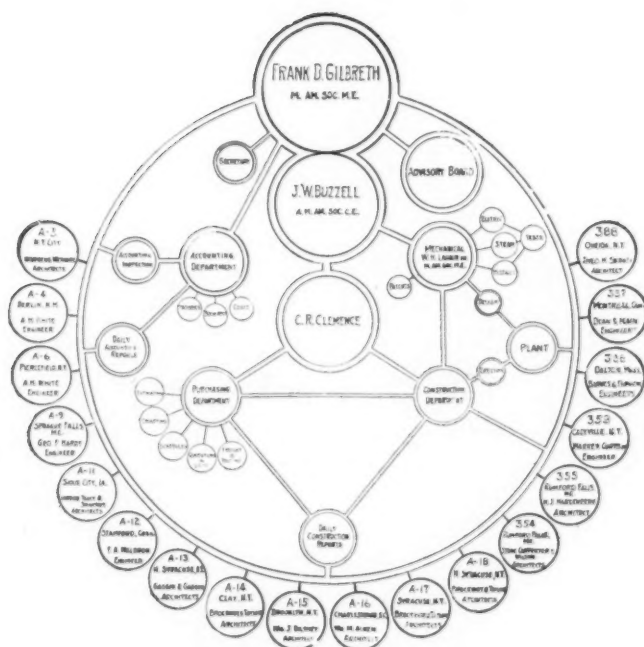
We have built more than Two Hundred Fireproof Buildings in the principal Cities of the United States and are prepared to give owners of property contemplating improvements the benefit of our experience and advice.

Fireproof Building Construction

OFFICES

New York	Boston	Philadelphia	Baltimore
Washington	Pittsburg	Chicago	

SYSTEM IN



ORGANIZATION CHART

The RESULTS secured by our organization in the ECONOMY of TIME and MONEY—results secured without the sacrifice of a particle of quality—have been obtained by the application of SYSTEM TO CONTRACTING.

System eliminates delay—and economy in time is a potent factor in the saving of money.

FRANK B. GILBRETH, M. AM. SOC. M. E.
GENERAL CONTRACTOR

BOSTON

MAIN OFFICE:
NEW YORK

SYRACUSE

CONTRACTING

The architect who retains us becomes for the time possessed of a compact, smooth-running organization—AN ORGANIZATION WITH A REPUTATION FOR RESULTS.

Under the cost-plus-a-fixed-sum contract—the contract upon which our organization is based—OUR INTERESTS AND HIS INTERESTS ARE IDENTICAL.

The delays caused by having to wait until all the detail drawings are completed is avoided—we complete foundations while those are being made.

No architect who has had his work executed by a systematized organization working with him under a cost-plus-a-fixed-sum contract will ever voluntarily subject himself to the struggle incident to a building operation conducted along the usual lines under the lump sum contract.

FRANK B. GILBRETH, M. AM SOC. M. E.
GENERAL CONTRACTOR

BOSTON

MAIN OFFICE:
NEW YORK

SYRACUSE

¶ Many a building has burned down because of improper wiring.

¶ Electric installation can be done right so that absolute protection is assured. We can do it right and do it right the first time.

¶ Our many years of experience, our expert force of workmen, and our appreciation of the value of our reputation are the guarantees we offer.

Kohler Brothers

Contracting Electrical Engineers

1804 Fisher Building, Chicago
10089 Metropolitan Life Building, New York
56 Ludgate Hill, London

A. & S. WILSON C O M P A N Y

Contractors
and Builders

OFFICE BUILDINGS
WAREHOUSES
POWER PLANTS, FINE
RESIDENCES, BANK AND
OFFICE FIXTURES, ETC.

Pittsburg, Penna.

DENNIS G. BRUSSEL

ELECTRICAL
CONSTRUCTION
—AND—
ENGINEERING

FOR

LIGHT, HEAT, POWER

¶ The *Brussel Method* of electrical construction is endorsed by many of the leading Architects and Engineers. It will last as long as the building.

15 WEST 29th STREET
NEW YORK



COMPLETE
ELECTRIC LIGHT PLANTS
RICHARDSON ENGINEERING CO.
HARTFORD CONN.



METAPHONE TRADE MARK
INTERIOR TELEPHONE SYSTEMS
INTERCOMMUNICATING OR DIRECT
Electric Utilities Co., 21 Flatiron Building, New York
Representatives in Baltimore, San Francisco,
Chicago and Minneapolis.

Antihydrine

Coating for
DAMP PROOFING
AND
STAIN PROOFING

The first and best material of its kind
manufactured for the

BUILDING TRADES

Universally used by large Contractors.

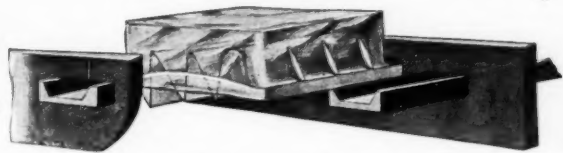
MANUFACTURED BY

ANTIHYDRINE CO.

308 Washington Bldg. New Haven, Conn.

Light Vaults

Provide Valuable Space



THE BEST PAVEMENT ILLUMINATION IS

BAR=LOCK

“3”-Point Prism or “Arch Plain” Lights

100 Per Cent. Added Light

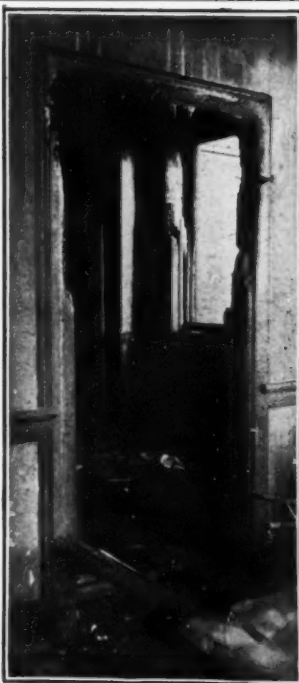
For further information or the name of representative in your section, address,

AMERICAN BAR-LOCK COMPANY

Offices and Works:

26th STREET AND PENNSYLVANIA AVENUE, PHILADELPHIA, PA.

CAUTION :—Any person using or selling any infringement of this company's patents will be promptly prosecuted



A Wood Door in a Fire Proof Partition

RICHARDSON

Seamless Paneled

Fire Proof Doors

Make Each Room a

SEPARATE

BUILDING

FOR

OFFICE BUILDINGS

HOTELS

THEATRES

HOSPITALS

SANITARIUMS

SCHOOLS

COURT HOUSES, Etc.

Finished in Duplex-plated Antique Copper or Brass, or grained. We apply hardware to both door and frame, saving time and labor at the building.

Fire Proof Door Co.

MINNEAPOLIS



Richardson Door Making a Partition Fire Proof

NATIONAL FIRE PROOFING COMPANY

Manufacturers All Kinds of Hollow Building Tile

—ALSO—

Engineers & Contractors for the Fireproofing of Buildings

Annual capacity 1,600,000 tons

Factories located near all the large cities

Our engineering department is at your service for the preparation of complete plans and details for fireproof work

For data and more detailed information, write us at either of the following addresses:

NEW YORK, N. Y., 170 Broadway
PITTSBURG, PA., Bessemer Bldg.

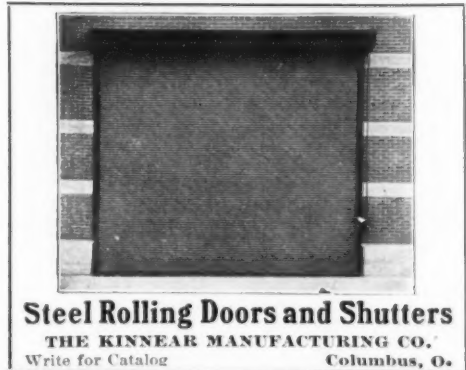
BOSTON, MASS., 810 Old South Bldg.
CHICAGO, ILL., Hartford Bldg.
MINNEAPOLIS, MINN., Lumber Exchange

PHILADELPHIA, PA., Land Title Bldg.
WASHINGTON, D. C., Colorado Bldg.
BALTIMORE, MD., Calvert Bldg.



**CORTRIGHT
METAL SHINGLES**

Are commended to the attention of Architects who are seeking to combine beauty and economy in their work.
Cortright Metal Roofing Co.
Philadelphia :: :: :: Chicago



Steel Rolling Doors and Shutters
THE KINNEAR MANUFACTURING CO.
Write for Catalog Columbus, O.

SYKES TWO BEST LATHS IN THE WORLD



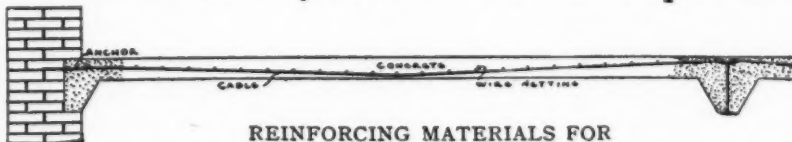
METAL LATH & ROOFING CO. NILES, OHIO.
U. S. A.

FIRE PROOF HOMES STABLES
**REINFORCED
CONCRETE SPECIALIST**
BELL ENGINEERING AND CON-
STRUCTION COMPANY
220 BROADWAY, NEW YORK
SILOS SWIMMING POOLS



**METAL
Shingle-Roofing**
Best for House or Barn
Fireproof. Easily Laid
Cheaper than slate or wood
Prices, Catalogue and
Testimonials **FREE**
MONTROSS METAL SHINGLE CO., Camden, N. J.

International System of Fireproofing



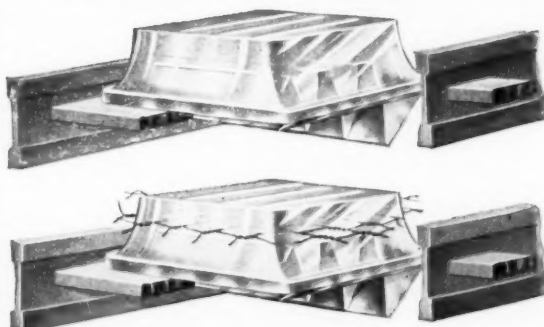
REINFORCING MATERIALS FOR
WIDE SPAN FLOORS

Write for Illustrated Booklet

IS OUR SPECIALTY

THE INTERNATIONAL F. & FIREPROOFING CO., COLUMBUS, OHIO.

Effective Simplicity in Sidewalk Lights Paschall Interlocking System



Galvanized Wrought Steel
Beam Construction
WITH 3-WAY PRISMS

*Give Maximum Strength
Maximum Light Area
Minimum Cost*

Pavement Lights
Floor Lights
Skylights

Use 3-Way Wired Prisms and Reduce Insurance Rates

WRITE FOR PRICES AND FURTHER INFORMATION

AMERICAN 3-WAY PRISM COMPANY
Manufacturers of Prismatic Glass and Wired Glass Products
1718 LAND TITLE BUILDING, PHILADELPHIA, PA.

NOTICE—All Our Products are Patented. Any Infringement Will Be Prosecuted

"UNIT" GIRDER FRAME PATENTED

The Frame is delivered as one complete unit, all members properly spaced and rigidly attached for the reinforcing of Beams, Girders, Arches, Etc.

It is not a Single Trussed Bar, nor a Single Deformed Bar, but a complete reinforcement for Beams, Girders, Etc.

"UNIT" SOCKET—PATENTED. The "Unit" Socket supports the "Unit" Girder Frame so that the center of action of Reinforcing Metal is exactly located before concreting. The "Unit" Socket is always available for supporting shafting.

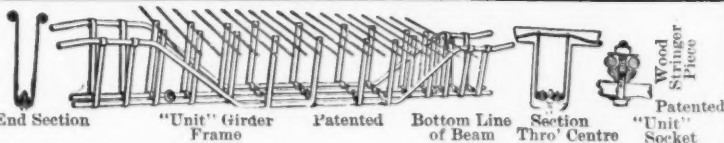
You can build the floors of a reinforced concrete Factory or Warehouse at 20 to 25 per cent. less than steel fireproofed with terra cotta, and the rate of insurance will be the same.

To obtain this saving use the "Unit" Girder Frame, "Unit" Socket and local labor.

UNIT CONCRETE STEEL FRAME COMPANY

N. W. Corner 12th and Chestnut Streets

Philadelphia, Pa.



Wood is a first-rate material for kindling fires, but it does not make a good lathing

USE

EXPANDED METAL LATH

It costs only a little more, but affords a perfect "key" for the mortar, and being made of steel, adds no fuel in case of fire.

Associated Expanded Metal Companies
258 Broadway, New York

The "RAPP"

Patent "Standard"

Fireproof

Doors, Windows
Shutters, Trim, etc.

With Solid Wood Core Covered—
Copper, Bronze or Kalamein Iron.

REPRESENTATIVE WORK:

Columbia University
Metropolitan Life Building
New York Chamber of Commerce
and hundreds of other
prominent buildings

Catalogue on Application

JOHN W. RAPP

1 Madison Avenue, NEW YORK

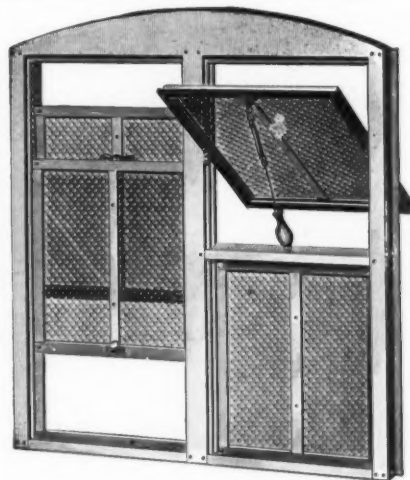
TELEPHONE CONNECTIONS

WORKS:

(Covering 2 City Blocks)

COLLEGE POINT

Borough of Queens, N. Y.



Fire-Proof Windows

This illustration shows a mullion
window, double hung and single
pivoted. The upper sash pivoted
and lower sash stationary. :: ::

HARRY C. KNISELY CO.

273 South Canal Street, Chicago, Ill.



A view
of the

Allsteel

library stacks installed at 23d St.,
Y. M. C. A., New York City.

"FIRE PREVENTION,"
broadly regarded, sug-
gests two general lines
of effort, each one of which
demands the careful study of
those who are building or buy-
ing the interior furnishings for
a building.

- (1) PREVENTION
- (2) CONTROL

The old saw, "An ounce of pre-
vention, etc.," at once comes to one's
mind.

How futile to put up a fire-proof
building and then fill it with com-
bustibles in the shape of furniture.

The alert business man now
buys steel filing devices for his office.

Send for List O'Jobs, representative
of banks, insurance offices, libraries, public
buildings and counting rooms in which

Allsteel

work is
in use.

THE GENERAL FIREPROOFING CO., Youngstown, Ohio

Manufacturers of

Allsteel

Furniture and
Filing Equipment

Offices: BOSTON

NEW YORK

CHICAGO

WASHINGTON



Our New Product

*Send for
our
Circular
about it*

Before

The Time-Honored "Before and After" Comparison was never better or more truthfully shown than in these two pictures. The views taken are of the store of L. Straus & Sons, 116 Chambers Street, New York

Luxfer Imperial Skylight Prisms used.

After

**AMERICAN
LUXFER
PRISM CO.**

CHICAGO
NEW YORK
CLEVELAND
KANSAS CITY
BOSTON
ST. PAUL
SAN FRANCISCO



These Are the People
WHO WILL USE
"Sweet's Index"

Indexed Catalogue of Building Construction

"The Book of Catalogues"

5,000 Leading Architects and Building Constructors.

1,000 Engineers, Builders, and Building Material Firms.

(1,000) Miscellaneous Firms interested in Building Construction and Building Materials, including prominent individuals and industrial bodies such as: Engineering and Purchasing Departments of Railroads; Principal Building Contractors; Supervising Architect of Isthmian Canal Commission, Panama, etc., etc.

GUARANTEED CIRCULATION

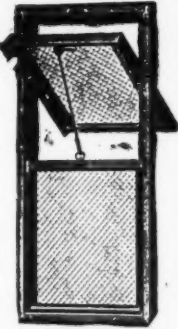
Is Your Catalogue in "Sweet's"?

¶ "Sweet's" replaces entirely the old antiquated promiscuous catalogues, 90% of which go directly into the Waste Paper Basket.

PUBLISHED BY

Architectural Record

14 and 16 Vesey Street, New York City
Monadnock Building, Chicago, Ills.



James A. Miller & Bro.

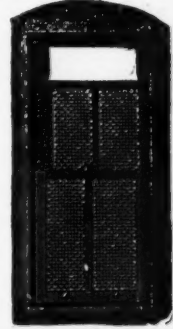
130 SOUTH CLINTON STREET :: CHICAGO

MANUFACTURERS

Wire Glass Windows, Sheet Metal Frames and Sash

SLATE, TILE, METAL ROOFING
METAL SKYLIGHTS, CORNICES, ETC.

See our Catalogue in Sweet's Index



SAVE THAT WOOD-WORK

It cannot decay, no matter how exposed it is—in sun or storm, above or under ground or water, if you treat it with

"WOOD" PRESERVATIVE

"Wood" Preservative is not creosote but a valuable chemical, inexpensive but absolute in its results. Write for information—a card will do—and we'll convince you.

THE PRESERVATIVE
MANUFACTURING CO.

New York Chicago San Francisco

FIREPROOF WOOD

AMERICAN WOOD FIREPROOFING COMPANY, Ltd.

156 Fifth Avenue, New York

Process Approved by
United States Navy
Bureau of Buildings, New
York & Underwriters'
Bureau of Fire Protection
Engineering

*This Company has attained the
highest standard of tests required
by the Bureau of Buildings*

Telephone 1612 Gramercy Cable Address
"Non-Flamabl"

FIREPROOF WOOD

Wood treated by our process is not hardened, made brittle, nor discolored. Our process is indorsed by the leading architects of New York as being the most perfect fireproof wood obtainable

Approved by the Building Department of New York City

FIREPROOFING MANUFACTURING COMPANY

Telephone, 6872 Cortlandt

128 BROADWAY, NEW YORK CITY



Mt. Sinai Hospital, New York

Arnold W. Brunner, Architect

REFRIGERATORS

FOR THIS MODERN AND PERFECTLY EQUIPPED HOSPITAL FURNISHED BY

The JEWETT REFRIGERATOR CO.

BUFFALO, N. Y.

New York Office: 1135 Broadway

WE SOLICIT INQUIRIES FOR DRAWINGS, SPECIFICATIONS AND ESTIMATES PERTAINING TO REFRIGERATOR
WORK OF EVERY DESCRIPTION.

CONCRETE BLOCK MACHINES AND THEIR USES

THIS is a subject of considerable importance to all engineers, architects and builders. **ENGINEERING NEWS** is publishing a series of papers, the result of a prize competition, on the above mentioned subject. If you are at all interested you cannot afford to be without these issues. Send 15 cents for a copy of one of our October issues containing one of these papers.

If you want a responsible engineer—one experienced in concrete work—insert a "Situation Open" advertisement in one or two issues. Rate, 3 cents a word.

"ENGINEERING NEWS, N. Y.

Sirs:—I fully believe yours to be the finest magazine, for engineers in any branch, published in America, and probably in the world.

Respectfully, NORTH FORK, CALIFORNIA."

ENGINEERING NEWS, 220 BROADWAY
NEW YORK

LAUNDRY MACHINERY

Complete Equipment for

Hotels, Hospitals, Institutions and Residences

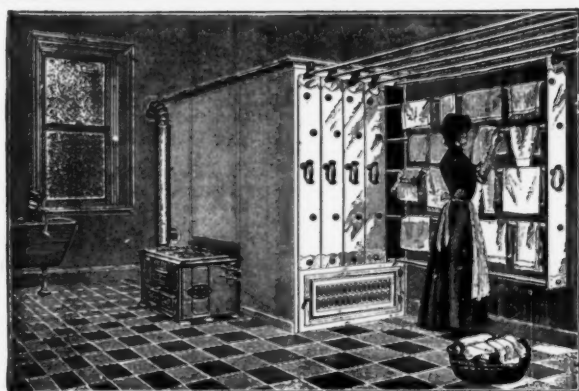
Plans and Estimates Gladly Furnished

THE AMERICAN LAUNDRY MACHINERY CO.

42 Cortlandt Street
New York

STATION H
CINCINNATI, O.

119 Franklin Street
Chicago, Ills.



Laundry Drying Apparatus

Residences
Apartment Houses
Institutions
Hotels, Etc.

CHICAGO CLOTHES DRYER WORKS New York and Chicago

TEL. 75 HARLEM

CLARENCE P. SMITH

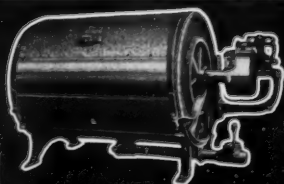
JOHN R. SMITH'S SON

WORKS: FOOT OF EAST 103d STREET, NEW YORK CITY

Monthly Reference:

CUT STONE CONTRACTOR

American Savings Bank, 115 West 42d St., Chas. E. Reid, Architect.



WE MAKE LAUNDRY MACHINERY

Our Machines Won the Grand Prize
at St. Louis, and they have won friends everywhere among users.

WRITE US ABOUT YOUR NEEDS.

NELSON & KREUTER CO.

Main Offices and Factory: 955-975 North Spaulding Avenue, Chicago, Illinois.



FROM THE BODLEY HEAD



Modern Cottage Architecture

ILLUSTRATED FROM THE WORKS OF WELL KNOWN ARCHITECTS. Edited, with an Introductory Essay on Cottage Building

By MAURICE B. ADAMS

Author of "ARTISTS' HOMES," "OLD ENGLISH HOUSES," Etc., Etc.

Large 4to. \$4.50 net.

A series of fifty plates reproduced from the Architect's Drawings with plans and notes of each subject.

A Book of Country Houses

ILLUSTRATED ON SIXTY-TWO PLATES, reproduced from photographs and drawings, accompanied by the plans of each

By ERNEST NEWTON, Architect

Large 4to (15x11 in.). Bound in Art Linen. Gilt. \$7.50 net

This selection has been made by the author from his Domestic Work and consists of examples planned during the last ten years, which may be taken as representative of the better type of Country House of to-day. They are moulded on traditional lines and have been arranged to meet all modern requirements.

ORDER BLANK

JOHN LANE, 67 Fifth Avenue.

Please send me copies "MODERN COTTAGE ARCHITECTURE," price \$4.50 net, and copies "A BOOK OF COUNTRY HOUSES," price \$7.50 net, for which I enclose

Name

Address

Send for Art List

67 Fifth Ave.,

John Lane Company, N. Y.



The Ideal Christmas Gift for Wife or Mother

The very heart of the home is the kitchen. Make the kitchen convenient, and you bring happiness to the housewife. The McDougall Idea is to lighten the work of the housewife and make the kitchen more attractive.

McDougall Kitchen Cabinets

reduce housework by half and effect striking economies in food supplies. A McDougall Kitchen Cabinet takes the place of the kitchen table, pantry and cupboard, and actually has a proper place for every article used in the kitchen, including food stuffs, kitchen utensils, table linens, china and glassware, keeping all of these articles within instant reach of the housewife's hand without her taking a single step. You can purchase a McDougall Kitchen Cabinet with the privilege of

30 Days' Trial In Your Own Home

That is how we prove the truth about McDougall Kitchen Cabinets.

Ask Your Dealer To Show You The McDougall Kitchen Cabinets

and see how attractive you can make your kitchen with one of them. Look for the name-plate, "McDougall, Indianapolis." It is the maker's guaranty of quality; your protection against imitation.

G. P. McDougall & Son, 560 Terminal Building, Indianapolis, Ind.



*The Porter-Norton House, on the Gates Circle
Buffalo, N. Y. Grosvenor Atterbury, Archt.*

Our *Perfect* seven-eighths flooring in squares and French herringbone designs laid throughout the house.

Our high-class flooring can be made to carry out *any* architect's exclusive designs.

Send for our Book of Designs. Agents in the large cities who are flooring experts.

Wood-Mosaic Flooring Co.

Rochester, N. Y. New Albany, Ind.

**THE BLATCHLEY COLONIAL
PORCH COLUMN**



MANUFACTURED from solid squares, seasoned by centre boring. The most substantial, permanently durable and satisfactory column made

TURNED from our own designs or to conform accurately to architects' drawings

CHARLES G. BLATCHLEY
Mills and Offices: Swanson, McKean and
Meadow Streets, . . . Philadelphia, Pa.

ESTIMATES ON REQUEST



House of J. B. Harriman, Mount Kisco, N. Y.
Architects: L. Henry Morgan, John G.
Howard D. Everett Waid.

GEORGE MERTZ'S SONS

Contractors, Builders

and Manufacturers of

FINE INTERIOR

CABINET WORK

PORT CHESTER, N. Y.

**ALFRED BOOTE
COMPANY**

Telephone:
4040 Madison Sq.

124-126 W. 33d ST., NEW YORK

**MANTELS
FIREPLACES
TILES**

PRINCIPLES OF CITY LAND VALUES

By **RICHARD M. HURD**, President of the Lawyers' Mortgage Co., of New York City

Size, 6 x 9½ inches, 160 pp., bound
in cloth, fully illustrated. Price,
\$1.50. . Postage, Fifteen cents

This is the first book written on this most important subject. As the title indicates, it deals with the fundamental influences which determine urban values. The position which the author occupies has given him unusual facilities for collecting and classifying the necessary data.

ARCHITECTURAL RECORD, 14-16 VESEY STREET, NEW YORK



The Yellow Pine Exhibit

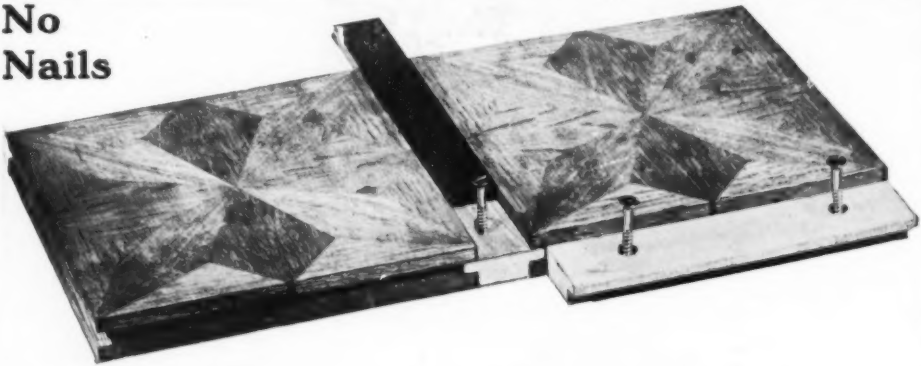
THIS room will be on exhibition in Cleveland, Ohio, during November and December, at No. 6 Hollenden Arcade. The object of the Yellow Pine Exhibit is to demonstrate to Architects and Owners that Yellow Pine can be used as an Interior Finish for Halls, Parlors and Dining-Rooms, in as presentable a manner as any other popular wood used to-day for high-class finish.

¶ If you cannot go to see this exhibit and see for yourself its beauties, write for further information to

The Southern Lumber Manufacturers' Association

EQUITABLE BUILDING, ST. LOUIS, MO.

No
Nails



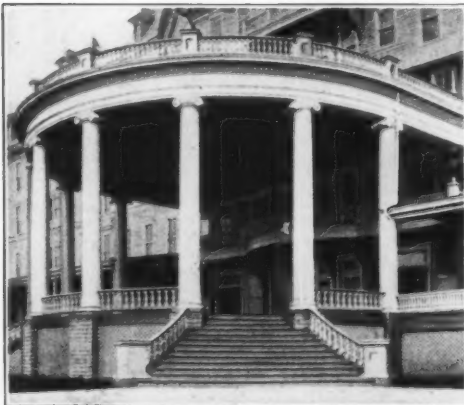
Cooley Parquetry Flooring

is laid by the patented system of double tongued strips and screws shown in this illustration.

IT IS PERFECT. Write for samples

Parquetry flooring laid in the old-fashioned way with nails often warps and twists out of line. Don't blame the wood—it's simply uneven nailing.

WM. H. COOLEY, 1170 CLYBURN AVE., CHICAGO



THE C. T. NELSON CO.

Manufacturers

Veranda Columns

AND

Veranda Work

WRITE FOR CATALOGUE

COLUMBUS, OHIO



The Largest "Lock Joint"
Column Ever Built

40½ in. diameter, 33-10 in. long

One of four furnished by us for the Portico
of the Allenhurst Club, Allenhurst, N. J.

HARTMANN BROS. MFG. CO.,

Mt. Vernon, N. Y., U. S. A.

New York Office, 1123 Broadway

Also, **HENRY SANDERS CO.,** Chicago, Ill.

A. J. KOLL PLANING MILL CO.
Los Angeles, Cal.

Manufacturers of Koll's Patent Lock Joint
Columns for Pergolas, Porches or Interior
Use. Send for Catalogue R.

A Good Color Scheme

is absolutely essential to the success of any interior. The proportions of a room may be faultless, and the furnishings of the finest, but if they do not harmonize the result cannot be satisfactory.

Miss Greenleaf, who conducts our department of decoration, will furnish free of charge to Architects and owners of houses complete decorative schemes.

Send your plans or a sketch to the New York office and we will submit suggestions for your consideration.

CHICAGO VARNISH COMPANY

35 Dearborn Avenue, CHICAGO

22 Vesey Street, NEW YORK

FLORSATIN is the best finish ever put on a hard wood floor. It reproduces exactly the best wax finish without being slippery, and is extremely durable. (SEND FOR A SAMPLE)



A PAINT THAT
PREVENTS RUST

Shall we send proofs as shown by Service Records?
See that your specifications call for "SUPERIOR GRAPHITE PAINT."

MADE ONLY BY

**DETROIT GRAPHITE
MFG. COMPANY**
DETROIT, MICH.

New York
Boston

Chicago
Buffalo

Cleveland
St. Louis



St. Louis

Green, Gold and Brown "Daylight Special"
—elegant fast day train.

"Diamond Special"—fast night train—unsurpassed for convenience and comfort.

Buffet-library cars, complete dining cars, parlor cars, drawing-room and buffet sleeping cars, reclining chair cars.

Through tickets, rates, etc., of I. C. R. R. agents and those of connecting lines.

A. H. HANSON, GEN'L PASS'N AGT., CHICAGO.



IN EVERY VILLAGE

There are some houses that stand forth conspicuous in the beauty of durable, clean paint. Such houses are always those that have been painted with high grade paints based on OXIDE OF ZINC. Architects capable of logic will draw their own conclusions.

FREE: Our Practical Pamphlets

"The Paint Question"
"Paints in Architecture"
"Specifications for Architects"
"French Government Decrees"
"Paint: Why, How and When"

The New Jersey Zinc Co.

71 Broadway :: :: New York

We do not grind zinc in oil. Lists of High Grade Zinc White
Paints will be furnished on request.

FOUND

In every well informed Architect's Specifications

WHEELER'S PATENT WOOD FILLER

☞ Specifications are not however always carried out and Architects should see that the Wheeler Filler is used as specified.

Where the pores of the wood are filled with "Wheeler's Patent Wood Filler" a sure foundation for the varnish and finish is laid, and the full life and beauty of the wood is developed.

The Bridgeport Wood Finishing Co.

55 FULTON STREET, NEW YORK

68 & 70 W. Lake St., Chicago, Ill.
231 Dock St., Philadelphia, Pa.

New Milford, Conn.
Branchville, Conn.

Shingle Stains

can be as cheap and worthless as the maker's conscience will permit. Kerosene is the favorite cheapener, and makes shingles dangerously inflammable.

Cabot's Shingle Stains

are made of Creosote* and contain no kerosene. The colors are durable, clear and beautiful. They are the original and standard shingle stains.

Stained-wood samples and color-charts sent on request

Cabot's Sheathing "Quilt"
makes frost-proof houses

SAMUEL CABOT, Sole Manufacturer, 141 Milk St., Boston, Mass.

*"Creosote is the best wood-preserved known."—Trautwein.



A. W. Longfellow, Jr., Archt., Boston

Agents at All Central Points

HIGHEST STANDARD OF EXCELLENCE PARKER, PRESTON & COMPANY'S WATERPROOF AND ODORLESS SHINGLE STAINS

GEO. F. SCHRADER, Architect,
SARANAC LAKE, N. Y., June 27, 1905.
PARKER, PRESTON & CO.,
NORWICH, CONN.

Gentlemen:—Replying to your letter of the 23d inst., in regard to test, made of your shingle stains, have this to say, I have been for years using stains made from my own specifications for the reason that my experience with ready mixed stains was far from satisfactory. And, while I am free to say that my own stains were not as satisfactory as should be, they had to some extent preservative and water-shedding properties.

About a year ago I received some boards stained with your shingle stains. The rich colors of these samples attracted my attention, and I determined to give them a practical test. Arranging them in a convenient manner so that I could readily examine them, I placed them under glass, but in such manner that they were exposed to all the changes of the weather, the glass being used to intensify the rays of the sun, to hasten the test, and if possible to fade out the color and to destroy the life of the stain. Part of each sample was carefully protected while the test was in progress. After six weeks of this treatment the samples were examined; results, no difference in shade between the exposed part and the protected part of the samples, no difference in the water-shedding properties, and the wood in as good condition as before testing. Samples of some other stains (my own included), given the same test, were more or less unsatisfactory. I consider this test under glass for six weeks as equal to six months' ordinary exposure.

Yours very truly,

G. F. SCHRADER.

Parker, Preston & Co.'s Waterproof
Flat Brick Stains and Waterproof
Brick and Stone Filler

Handsome Cabinet free, containing color sample cards
— MANUFACTURED BY —

PARKER, PRESTON & CO., Inc., Norwich, Conn.

DEVOE VARNISH

MARBLE FLOOR FINISH

A varnish that makes
a marble-like finish on
a floor ■ ■ ■ ■ ■

Send for a Pamphlet
giving all information

Manufactured Solely by
F. W. DEVOE & C. T. RAYNOLDS CO.
Fulton St., cor. William, New York

Better Than Kalsomine

Simple
Durable

Sanitary
Fireproof



A New and Remarkable Decorative Finish
Producing a Soft, Beautiful, Water-color Effect
at a Minimum of Cost.

M. EWING FOX & CO.
Sole Manufacturers

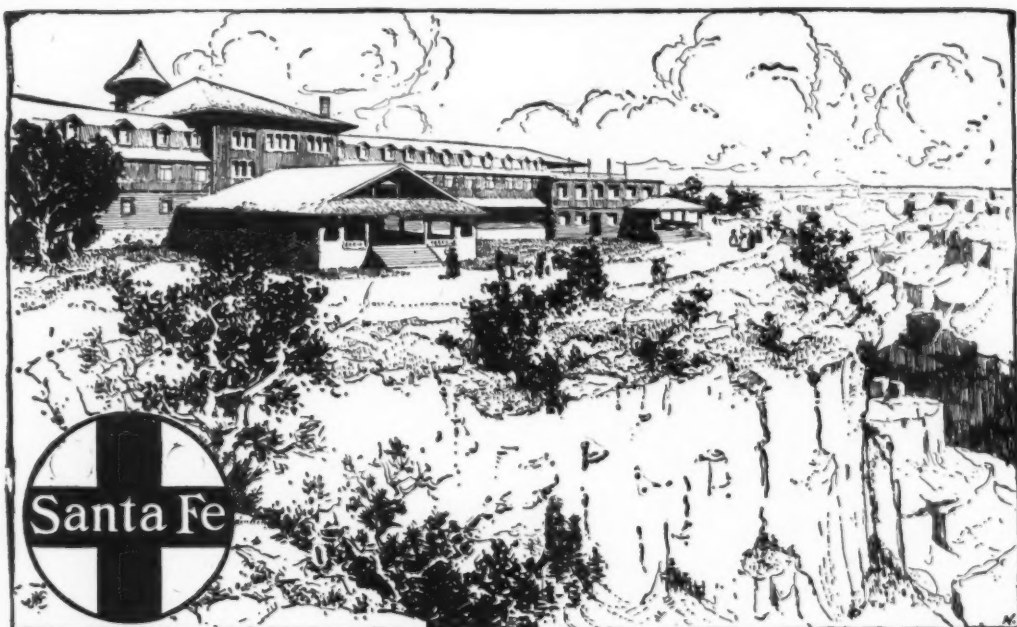
STATELY HOMES IN AMERICA

By HARRY W. DESMOND and HERBERT D. CROLY

Size, 8½ x 10½ inches. 532 pp., gilt top,
cloth binding, fully illustrated. Price, \$7.50.

This work illustrates the development of fine residences built in this country from the Colonial period to date. Many fine homes are pictured for the first time—the great Vanderbilt mansions and others of that class. The text is a serious attempt to explain social and economic conditions and the architectural developments which have produced these sumptuous buildings.

ARCHITECTURAL RECORD
14-16 VESEY STREET, NEW YORK



"El Tovar," Grand Canyon, Arizona

To see how the world was made Visit the Grand Canyon of Arizona

Deep down in the earth a mile and more you go, past strata of every known geologic age. And all glorified by a rainbow beauty of color.

Pedro del Tovar, a Spanish conquistador who came to Arizona with Coronado in 1540, assisted in the discovery of this world-wonder. To-day a quarter-of-a-million-dollar hotel, El Tovar, commemorates his name.

El Tovar is located near the head of Bright Angel Trail, at the railway terminus, on the brink of the canyon. Under the management of Mr. Fred Harvey.

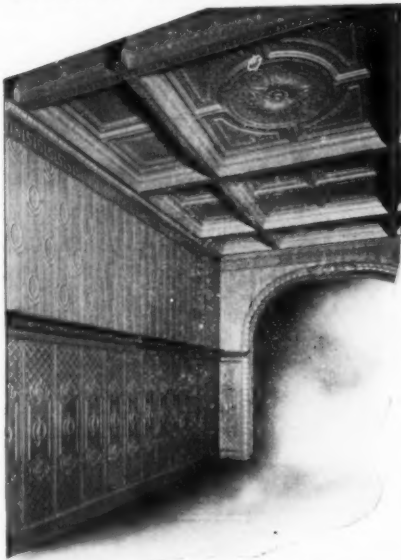
The hotel is built of native boulders and pine logs, with wide porches and every room open to the sun. Accommodations for three hundred guests. Has steam heat, electric lights, a solarium and amusement hall. Near by are Navajo hogans and a Hopi Indian House.

El Tovar solves the problem of high-class accommodations for the traveler who wishes to visit the Grand Canyon as a side trip on the California tour.

You will enjoy a few days stop-over at the luxurious Alvarado hotel, Albuquerque; Harvey management. The winter climate of New Mexico is delightful.

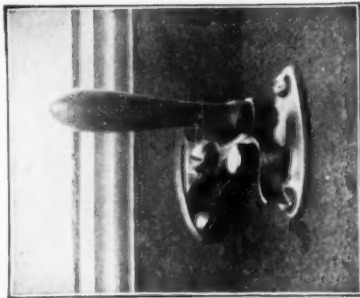
Write for illustrated Grand Canyon, El Tovar and Alvarado pamphlets. Address: General Passenger Office, Atchison, Topeka & Santa Fe Railway, Chicago.

EVOLUTION OF METAL CEILINGS



MANY Architects consider Metal Ceilings good for warehouses, stores and business buildings, but lose sight of the fact that there are also grades of Metal Ceilings which are adapted to the most expensive buildings. Architects' designs are carefully followed. The best Architects realize these facts and specify the Metal Ceilings made by

NORTHROP, COBURN & DODGE CO.
45 Cherry Street, N. Y. City



THE NEW "HOOK-FAST"

Fastener for Casement Sash
REVERSIBLE ADJUSTABLE

We also manufacture the
"Hold-Fast" Casement Adjuster

Which solves the casement and screen problem

WRITE FOR BOOKLET

THE CASEMENT HARDWARE CO.
1200 STEINWAY HALL
CHICAGO



The Ives Window Ventilating Lock

A Safeguard for Ventilating Rooms
A Lock, quickly applied and operated
Affording Sure Protection against Intruders

CHILDREN KEPT IN
BURGLARS KEPT OUT
WRITE FOR DESCRIPTIVE
CIRCULAR

THE H. B. IVES CO., NEW HAVEN, CONN., U. S. A.



SAMSON SPOT SASH CORD

is warranted free from imperfections in braid and finish.
Compare with common grades.

THE COST OF RENEWAL IS MORE
THAN THE COST OF THE CORD.

**SAMSON
CORDAGE
WORKS**

**BOSTON
MASS.**

Send for Sample

A Better Location Than Yours

Specific information is given as to undeveloped deposits of marbles, sandstones, granites and other building materials, the price at which they can be secured, terms, etc.

Literature sent free on receipt of 10 cents for postage.

Would be in

The South

and the Seaboard Magazine of Opportunities, special Southern edition, will prove it.

J. W. WHITE, Genl. Industl. Agent,
Seaboard Air Line Ry., Portsmouth, Va.

Desirable locations for industries and business openings of every nature exist on our rails, and we gladly answer all inquiries in detail

You Should Familiarize Yourself with the Land of Manatee



Reliance Hanger and "Double Speed" Device

For moving two doors in same direction—one at double speed of the other

RELIANCE BALL BEARING DOOR HANGER CO., 1 Madison Ave., New York

BOMMER
SPRING HINGES



could be
specified

They cost no more
than inferior kinds

Bommer Bros., Brooklyn, N. Y.

THE NEWEST THINGS IN
PNEUMATIC
INTERCHANGE

LAMSON CONSOLIDATED S. S. COMPANY
General Offices, BOSTON, MASS.

THE GILMAN SPIRAL SNOW GUARD

THE BEST MADE

ONLY GUARD THAT CAN BE APPLIED TO OLD
ROOFS WITHOUT DISTURBING THE SLATE

GILMAN SNOW-GUARD CO.

103 MERRIMAC STREET, BOSTON, MASS.

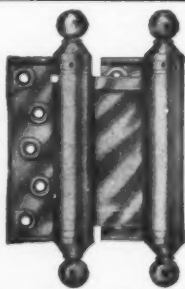
STANLEY'S
Ball Bearing Hinges

In Wrought Bronze and Steel

BEAUTIFUL
NOISELESS
STRONG

Artistic Booklet and Calendar Free

THE STANLEY WORKS
NEW BRITAIN, CONN.
79 CHAMBERS STREET, NEW YORK



TRIPLE-END
Double-Acting Spring
Butt

CHICAGO
SPRING BUTTS

THE TRIPLE-END BUTT, in this style of
Spring Hinge, is without equal and merits
your requiring them on all high-class work.

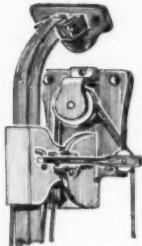
Complete line in Sweet's Catalogue or ours sent on request.

Chicago Spring Butt Company

CHICAGO

NEW YORK

Skylight Lift



A NEW device whereby a skylight can be raised or lowered as easily as a weighted window. Constructed of steel and malleable iron, has a movable slide-holder to adjust itself, and can be opened any distance desired. Always locks automatically open or shut. Can be applied to either hipped or flat skylight easily and quickly.

Send for Pamphlet

**G. BICKELHAUPT
SKYLIGHT WORKS**

243 - 245 West 47th Street
NEW YORK

Trade "G. B." Mark

Tel., 675-38th St.

THE CUTLER MAILING SYSTEM

IS ONLY INSTALLED UNDER THE CUTLER SERIES OF MAIL CHUTE PATENTS; IS IN USE IN UPWARDS OF 2,000 BUILDINGS, AND BEING EXPLICITLY AUTHORIZED BY THE POST OFFICE DEPARTMENT UNDER PROVISIONS OF AN ACT OF CONGRESS, IS A PART OF THE POSTAL SYSTEM AND LETTERS DEPOSITED IN IT ARE LEGALLY "MAILED."

IT SHOULD BE SPECIFIED BY NAME WHERE THE STANDARD AUTHORIZED MAIL CHUTE EQUIPMENT IS DESIRED.

DESIGNATE "MODEL C" IF THE VERY LATEST AND BEST FORM IS REQUIRED. INTERIOR UNDER GOVERNMENT LOCK, BUT INSTANTLY ACCESSIBLE TO AUTHORIZED PERSONS.

ILLUSTRATED CIRCULARS, SPECIFICATION FORMS, DETAILS, ETC., WILL BE SENT ON APPLICATION TO THE SOLE MAKERS

**THE CUTLER MFG. CO.
ROCHESTER, NEW YORK**

High Grade Building & Insulating Papers

VENETIA AND COTTAGE BRANDS

Best and Strongest Red Rosin
Sized Sheathing Made

"NO NOISE" DEADENING FELT

U. S. FIBRE PLASTER BOARDS

For Sheathing, Ceilings, Walls, &c.
Can be Painted or Kalsomined

"OLD HICK" Red Rope Sheathing

Strongest Building Paper Made

SEND FOR SAMPLES

C. B. HEWITT & BROS.

48 Beekman St., New York

LANE BROTHERS CO.

Joist and Timber Hangers



Made from mild steel bars. Uniform tensile strength throughout. Broad bearing surfaces. Supporting hooks square. Nailing surfaces both on top and face of beam. More than one hundred listed sizes. Any modification to order. Sold through Hardware Trade.

LANE BROTHERS CO.,
(The Door Hanger Manufacturers.)

POUGHKEEPSIE, N. Y.



O. Chan. Wells, Pres. Wm. A. Locke, Treas.

EFFECTILE

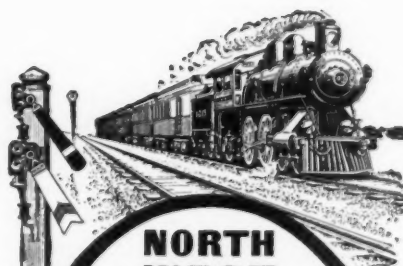
Enameled Metal Tiling
Sanitary, Durable, Moderate Cost
American Effectile Co.
100 William Street New York

TAPESTROLEA BEST FOR ALL WALLS

Artistic in color and finish. Easily put on.
All grades, plain, colored or decorated.
Prepared Canvases and Muslin. Send for
TAPESTROLEA booklet and sample books.

RICHTER MFG. CO. BURLAPS
43 Franklin Ave., Tenafly, N.J.

CA business man being asked
by an advertising solicitor
for an "ad," answered: "I
did a great deal of advertising
when I started in business and
now I am well enough known to
get along without it." The solicitor
asked him if he knew who had
run for the office of Vice-President
the election before last.
The business man did not. The
solicitor then asked him if anyone
had been better advertised
at the time. This brought the
"ad."



**NORTH
WEST
AND
NORTH-WEST**

VIA

**THE
NORTH-WESTERN
LINE**

Fast through train service to all points
from Chicago, Milwaukee and Peoria
on the East, to Omaha, Denver, the
Black Hills, Salt Lake City and the
Pacific Coast on the West, and north-
ward to St. Paul, Minneapolis,
Duluth, Superior, Ashland, Mar-
quette and Sault Ste. Marie.

The Best of Everything.

W. B. Kniskern,
P. T. N.,
Chicago, Ill.

NW371



Otis Elevators

are particularly adapted for private residence service, as with our Improved Push Button System of Control a regular attendant is unnecessary, the operating device being so simple that the younger members of the family can manage the car with entire safety. The car is under the perfect control of the passenger.

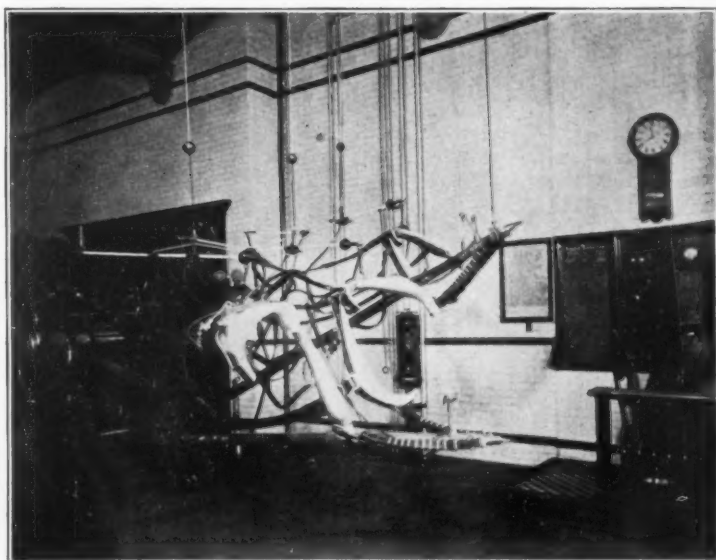
Correspondence invited.

Otis Elevator Company, New York Office
17 Battery Place

ULLIBRIDGE 28-258

**Tiffany
Enameled
Brick
Company**

**Momence
Illinois**



A large number of the Engine Houses of the New York Fire Department are built with Tiffany Enameled Brick for interior wall material. No substitute could provide such satisfactory results in places where cleanliness and light are of the greatest importance. The interior reproduced is that of the Fire Engine House, West 77th St., near Amsterdam Ave., New York. Horgan & Slattery, Architects. The material used being our White Satin Finish

In business 21 Years

THE E. J. JOHNSON CO.

38 Park Row, New York

PRODUCERS OF

Roofing Slate
SLATE BLACKBOARDS

"Central Bangor"

A blue-black Roofing Slate of extra strength and durable color. Made of good thickness; also special quarter, three-eighth and half-inch.

Nixon Red

A beautiful, rich red Roofing Slate, exceptionally strong.

Montauk Sea Green

A Roofing Slate of exceptional strength and durability.

The above are our leading productions of Roofing Slate. We have a number of grades of Black, also Purple and Unfading Green.

Our Booklet

enumerates the different grades of Roofing Slate, containing also slate information of value to Architects and Builders, together with full instructions and details for setting Slate Blackboards. It is the only publication of its kind issued and will be furnished on application.

Talking Points for

**THE
FOUR-TRACK
NEWS**

Which Explain Its Emphatic Success

Here are a few reasons why you want THE FOUR-TRACK NEWS on the reading table in your home. Look them over, think them over—then send for a sample copy and see if you don't think the FOUR-TRACK NEWS is worth \$1.00 a year to yourself and your family.

Its scope is confined to no geographical section; the world is its field.

It instructs.

It entertains.

It's different.

It is a universal favorite.

It is always and forever up-to-date.

It is a great help to students in history classes.

There is much in every issue of educational value to every reader.

It is entertaining to the father and mother as well as to the children.

It is eloquent with bright, brief, valuable articles and superb pictures.

Subscriptions, \$1.00 a Year; Foreign Countries, \$1.50; at News-stands, 10 Cents a Copy.

A sample copy and our special terms to agents will cost you nothing. Send your address and two references to GEORGE H. DANIELS, Publisher, Room No. 119, 7 East 42d Street, New York.



Mt. Sinai Hospital, New York City.

Arnold W. Brunner, Architect.

ATLAS PORTLAND CEMENT USED IN CONSTRUCTION

Atlas

THE STANDARD
AMERICAN
BRAND

Portland

ALWAYS
UNIFORM

Cement

The Atlas Portland Cement Company
30 BROAD STREET, NEW YORK CITY

STAINS on limestone, granite or marble are avoided by careful architects and builders. They specify and use Lafarge Portland Cement, following a plan set forth in a little booklet.

Ask for it.

156 FIFTH
AVENUE

NON-STAINING CEMENT CO.

NEW YORK
CITY



BUTTERICK BUILDING
Horgan & Slattery, Archts.

The Kreischer Brick Mfg. Co.

Manufacturers of
FINE FRONT BRICK

OF EVERY DESCRIPTION
Plain and Ornamental

FIRE BRICK: All Sizes and Shapes

Office: 119 East Twenty-third Street, NEW YORK
Works, Kreischerville, S. I. Telephone, 1877 Gramercy

Telephone, 291-292 Gramercy

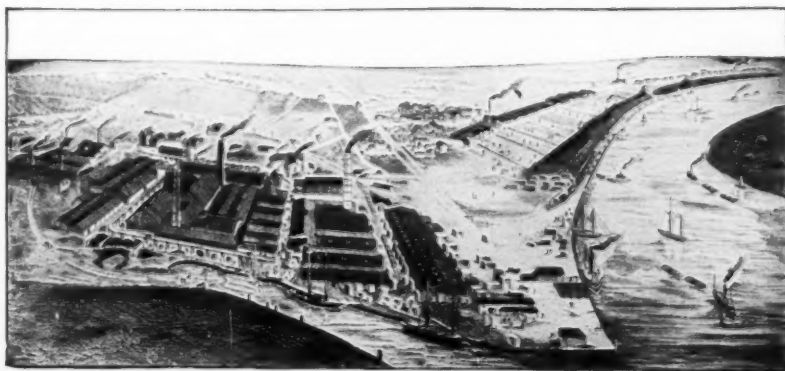
PERSON & COMPANY

Offices: 160 Fifth Avenue, New York

All varieties of Front
and Ornamental Brick
in Standard, Norman or
Roman Sizes. ■ ■ ■

PAVING BRICK

THE CELEBRATED AKRON VITRIFIED ROOFING TILE



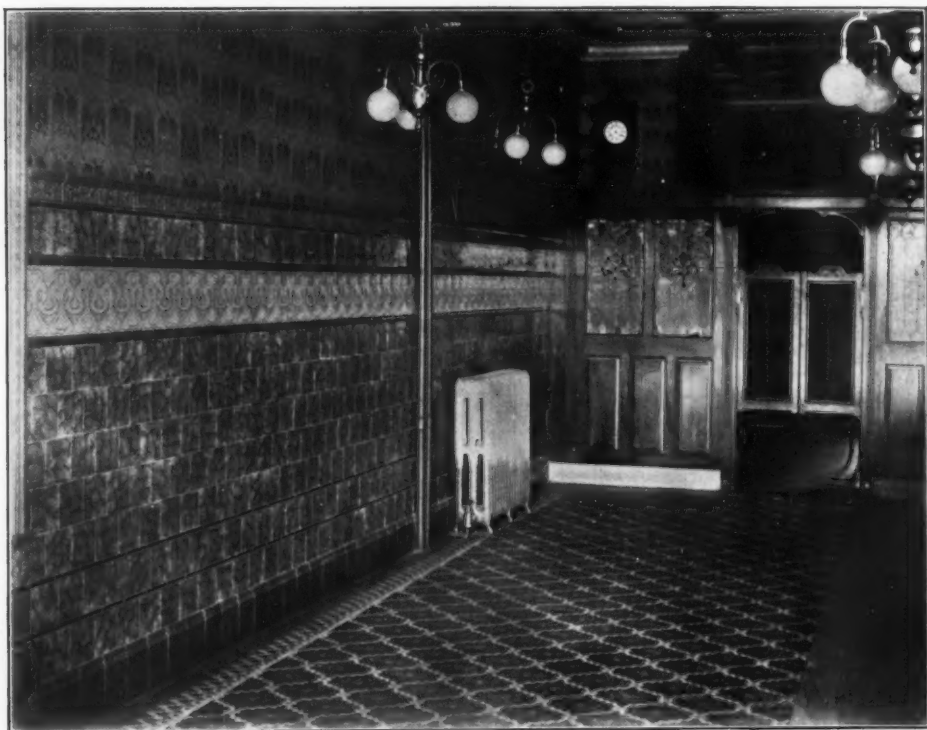
WORKS AT SAYREVILLE, ON THE RARITAN RIVER, NEW JERSEY

SAYRE & FISHER COMPANY

Manufacturers of FINE PRESSED FRONT BRICK
OF VARIOUS SHADES, PLAIN AND MOULDED
SUPERIOR ENAMELED BRICK, SEVERAL
COLORS · HARD BUILDING BRICK
FIRE BRICK AND HOLLOW BRICK

**JAS. R. SAYRE, Jr.
& CO., AGENTS**

OFFICE, 207 BROADWAY
COR. FULTON ST., NEW YORK



Main Bar-Room in Diehl's Tavern, Trenton, N. J.
Abram Swan, Sr., Architect



THE above view illustrates the modern use of Wall and Floor Tiles for the interior decoration of Cafes, Hotels, etc.

The body of the wainscoting is composed of 6x6 "DELLA ROBBIA" glazed tile in a soft shade of variegated Moss Green.

The Frieze is in 6x9 tile Majolica painted in three colors, outlined in enamel black.

The 9x4 Cap, and 6x9 Frieze as well as the tile used for the string courses are all in "L'Art Nouveau."

The Cap and Base Tile are colored in a deep Myrtle Green glaze; string courses are in a brilliant Ox Blood glaze.

The Floor is laid with 3/4 x 3/4 square vitreous Ceramic Mosaic in a rich red color broken by an all-over design in white interspersed with rosettes in Dark Green and Silver Gray.

The border to the Floor is in round Ceramic Mosaic, in design and color to harmonize with the body of the floor.

We are manufacturing a new line of Tile in "L'Art Nouveau" particularly suitable for the Wainscoting of Theatre Foyers, Hotel Lobbies and Corridors of Public Buildings, etc.

Tile for "Everywhere and Anywhere"

Ask your nearest tile dealer to show you samples of our "Della Robbia" Glazed Tile, also Vitreous Floor Tile and Ceramic Mosaics.

Designs upon application without cost

Write to Dept. C for Catalogue

TRENT TILE COMPANY

Makers of Wall and Fire Place Tile,
Vitreous Aseptic Floor Tile, Ceramic
Mosaic and Architectural Faience.

OFFICE AND WORKS
TRENTON, N. J., U. S. A.



NORTHEAST CORNER MAIN RESTAURANT, ST. REGIS HOTEL.
Trowbridge & Livingston, Architects. NEW YORK CITY.

Batterson & Eisele

WORKERS OF
Marble, Stone and Granite
Roman and
Venetian Mosaics

Principal Office, Wharf and Mill
EDGEWATER, N. J.

New York Office and Works
425-433 Eleventh Ave.

Telephone, 4385-4386-38th Street
Connection with Edgewater Plant
through New York Office. X X

THE ARCHITECTURAL RECORD.

PRINCIPLES OF ARCHITECTURAL COMPOSITION

BY

John Beberley Robinson

TELLS ONE HOW TO JUDGE OF THE
ARCHITECTURE OF A BUILDING

The book is written in the plainest language,
and is illustrated, so that it is good
reading for everybody

THE ARCHITECTURAL RECORD

14-16 Vesey Street, New York City



A VIEW OF THE HOTEL ST. REGIS, NEW YORK CITY

John H. Shipway & Brother

ARCHITECTURAL

**MARBLE AND MOSAIC
WORKERS**

Most of the Marble and Mosaic Work in the New St. Regis Hotel, illustrated above, was executed by this firm. The Marble and Mosaic Work in this building is considered by experts among architects and connoisseurs to be of a high order of excellence.

MILLS, OFFICE & WHARF

136th St. and East River New York City

HOME SWEET HOME

AMERICAN HOMES AND GARDENS

A monthly magazine, size 14x20 ins., 72 pages, colored cover. Handsome photographic reproductions. 25 cents per copy, \$3.00 a year. A better magazine cannot be printed. It will please any home lover.

AMERICAN HOMES AND GARDENS is for the man or woman who is planning for a home, or who has a home and wants to make that home as beautiful as their means will afford. It is not printed to appeal solely to the rich, but is for the man with a Three Thousand Dollar income—tells him how to build a home; to lay out the grounds, to decorate its interior, and how to furnish it—and a hundred other hints.

Ask your newsdealer to supply you with the **NOVEMBER NUMBER**—or, better still, send us \$3.00 for a year's subscription.

MUNN & CO., Publishers, 344 Broadway, New York City

NOTICE TO ADVERTISERS

The advertising rates in **AMERICAN HOMES AND GARDENS** are \$90.00 per page, \$30.00 quarter page. The forms for our large Christmas Number will close December first.

Write for further information.



AMERICAN HOMES & GARDENS

DON'T BUY GASOLINE ENGINES

Until you investigate "THE MASTER WORKMAN," a two-cylinder gasoline engine superior to all one-cylinder engines; revolutionizing gas power. Costs Less to Buy and Less to Run. Quicker and easier started. No vibration. Can be mounted on any wagon at small cost—portable, stationary or traction. Either cylinder can be run alone or both together, thus economically furnishing power for light or heavy loads. 1½-2-3-4-5-6-8-10-12-16-18-20 horse-power. Mention this paper. SEND FOR CATALOGUE. THIS IS OUR FIFTY-SECOND YEAR.

THE TEMPLE PUMP CO., Mfrs., Meagher & 15th Sts., Chicago

NASH Gas and Gasoline Engines

Complete Electric Lighting
and Pumping Plants Installed

For Country Homes

These engines are simple, economical
in operation and absolutely reliable

NATIONAL METER CO.

84-86 Chambers Street, New York

CHICAGO
318 Dearborn St.

BOSTON
159 Franklin St.

CEILING PLATE

BALL-BEARING JOINT

RETAINING ARMS

BALL-BEARING JOINT

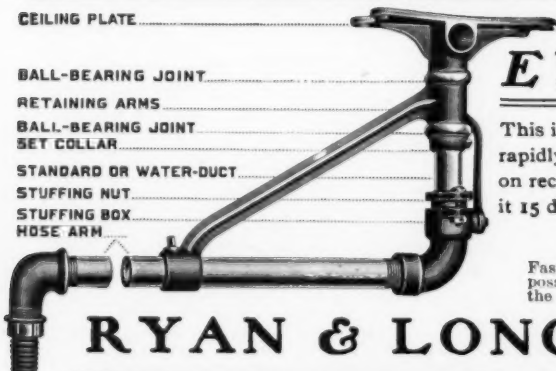
SET COLLAR

STANDARD OR WATER-DUCT

STUFFING NUT

STUFFING BOX

HOSE ARM




EVERY BARN

This is the Perfection Carriage Washer which is rapidly being installed in every barn. We send it on receipt of your order all ready to put up—try it 15 days and then send us \$12.00 or the washer.

ORDER TO-DAY

Fastened to the ceiling over the wash tray makes it possible to reach every side of the vehicle without the hose touching the floor or moving the carriage.

RYAN & LONG, 584 HONEIDA STREET, APPLETON, WIS.




Vacuum Heating

POST YOUR SELF MARVELOUS FUEL SAVING
Write for New Catalogues, full particulars and prices

Kellogg-Mackay-Cameron Co. SOLE OWNERS

CHICAGO MINNEAPOLIS KANSAS CITY SEATTLE



the system of
the future

MORGAN
PATENTS

Some of Fox, Duffield & Company's New Books

More Misrepresentative Men

By CAPTAIN HARRY GRAHAM

Pictures by MALCOLM STRAUSS

More verses on celebrities. \$1.00 post-paid



From
"More Misrepresentative Men"

Misrepresentative Men

Pictures by F. STROTHMAN

(5th edition.) \$1.00 post-paid

An Eye for An Eye

By CLARENCE S. DARROW, of Chicago

The story of a murder and its penalty. \$1.50
post-paid

Man and the Earth

By NATHANIEL SOUTHGATE SHALER

Professor of Geology in Harvard University

A Study of the earth's inhabitants and its material resources for taking care of them
\$1.50 net; postage, 10 cents



"The Public be Damned while we Dam up the Falls"
From "At the Sign of the Dollar."

Old Masters and New

By KENYON COX

Practical art criticisms by one of
the foremost American painters.
With many reproductions. \$2.50
net. Postage 17 cents

At the Sign of the Dollar

By WALLACE IRWIN

Pictures by E. W. KEMBLE

Racy satires on American topics
\$1.00

Fox, Duffield & Company, *P*ublishers

36 EAST 21st STREET, NEW YORK



**Awarded the Gold
Medal at the St. Louis
Exposition, 1904, for
Superiority of Goods**

Eureka Fire Hose Co.

New York Chicago
Boston Philadelphia



Where Money is Wasted

It is literally a waste of money to use a cheap heater—at any price.

The expense of repairs—to say nothing of the increased fuel bills they always create—should convince you of the sense in this argument.

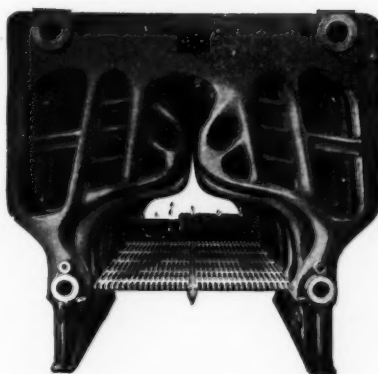
Use a "THATCHER" Heater and
take no chances.

**Have been on the market 55 years
and are noted for their durability
and economy in operation.**

Thatcher Furnace Co.

**Nos. 110-112-114-116 Beekman Street
NEW YORK CITY
Works: Newark, N. J.**

FOR THE HOME
or largest building specify
Florence Heater



COLUMBIA HEATING COMPANY,
Chicago, Ill.

Gentlemen :—I wish to say that the FLORENCE FURNACE which was placed in my house by Mr. _____, is a complete success. It burns either hard coal, soft coal or wood with equal success. I have never seen anything else burn so clean and give so little smoke from chimney. It is a wonder in that way. After having read so much about the smoke nuisance in Chicago, this feature of the FLORENCE BOILER surprised me, as I supposed no boiler would be any better than another in this respect. Yours respectfully,

Yours respectfully,
(Signed) W. M. TRACY.

Columbia Heating Co.
40 Dearborn Street, Chicago



CONDUCTOR ELBOWS

WITH TRADE-MARK

F. Dieckmann

Made of one piece

Are Specified for Houses of Quality

1225 VARIETIES, Copper, Galvanized, Terne, Charcoal.

Secure Samples

FERD. DIECKMANN, Sta. B, Cincinnati, Ohio.

High Pressure Galvanized "Iron" Range Boilers

HOT WATER PRESSURE TANKS
PROVIDED WITH STEAM COILS

Plate and Sheet Steel Work of Every Description
DESIGNERS OF SPECIAL APPARATUS FOR ALL PURPOSES

L. O. KOVEN & BROTHER, 50 Cliff St., New York
Works: Jersey City, N. J.

For
Hotels
Restaurants

ELIE J. MONEUSE, Pres.

PIERRE HUOT, Vice-Pres.

Established 1852

Duparquet, Huot & Moneuse Co.

Manufacturers of

French Cooking Ranges

And Cooking Equipments of Every Description

43 & 45 Wooster Street, New York

Branch Houses

1420 Penn Ave., N. W.
Washington, D. C.

88 & 90 North Street
Boston, Mass.

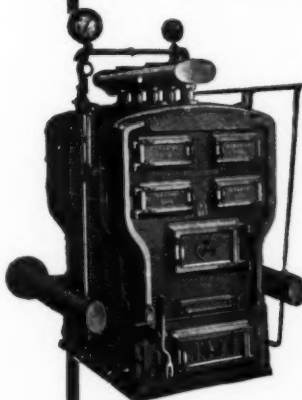
Clubs
Families
Institutions

Layouts and Details, also Catalogue furnished upon application

ARCHITECTS

Do you know that the

American Boilers



have the largest possible amount of self-cleaning fire surface!

That they generate steam more quickly, hold it longer, and evaporate more water for every pound of coal consumed than has been accomplished in former constructions of Steam and Water Boilers! That each section is an independent heater in itself! That their large amount of fire surface means economy in fuel and, also, that these boilers burn either hard coal or coke, and all grades of soft coal, and wood with equally good results!

We manufacture the largest and most complete line of Heating Boilers, Radiators, Steam and Sanitary Supplies, and would like to place our catalog in your files.

Drop us a postal.



Pierce, Butler & Pierce Mfg. Co.

SYRACUSE, N. Y.

NEW YORK
254 4th Avenue

BOSTON
50 Oliver Street

PHILADELPHIA
881 Arch Street



GARWOOD Steam Heaters

USING GAS FOR FUEL

Use no more gas than two ordinary illuminating burners

Can be used in mantels already in place or anywhere in room. No flue required; absolutely no odor. Send for printed matter.

THE FRANK C. McLAIN COMPANY

264 Fourth Avenue, New York
Cleveland, 215 Bond Street

AGENCIES:

Buffalo—Walbridge & Co., • • 392-394 Main Street
Chicago—The Lott-Burton Co., • • 86 Lake Street

San Francisco—Pendleton & Moore, 130 Fremont Street
Boston—Geo. E. Crawley & Son, • 3 Somerset Street



Jenkins Bros. Radiator Valves

SUBSTANTIAL AND DURABLE

Specify and insist on having the genuine.—They are guaranteed.

JENKINS BROS.

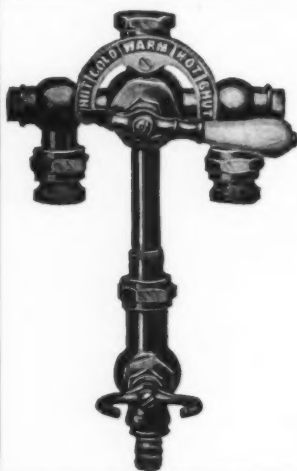
New York

Boston

Philadelphia,

Chicago

London



The SODERLUND Anti-Scalding Shower Valve

OPERATED BY ONE HANDLE

Simple in Construction Safe, Durable, Economical

Fitted With or Without Douche Valve
For Floor, Ceiling or Wall Connections

In a Shower Fitted with this Fixture
Hot Water Cannot be Had Without Cold

All Danger of Scalding Being Eliminated

Our Complete Catalogue Sent Upon Request

UNION BRASS WORKS CO.
BOSTON, MASS.



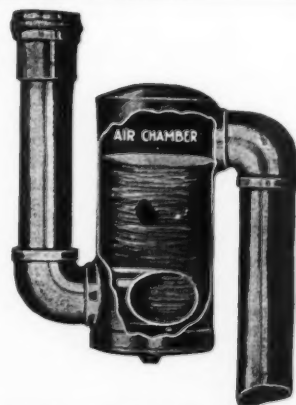
THE NATURO CLOSET

has no equal. It has special sanitary features not to be found in any other Water-closet. Conducive to health, always clean and with other unique points of interest, fully explained in our catalog.

THE NATURO COMPANY

C. H. Muckenhirn
President

SALEM, N. J.



THE WHIRLPOOL.

Water from the fixtures enters a **Scully Trap** at the bottom, scouring the polished inside surfaces every time it is used.

Write us to-day

W. J. Scully Ventilator and Mfg. Co.
DETROIT, MICH.



A Beautiful House

improperly or insufficiently heated during
the winter season is anything but

A Comfortable Home

The *Architect* being directly interested in designing for his client
a *comfortable home* as well as a *beautiful house* should specify

The Norwall System of Combined Low Pressure and Vacuum Steam Heating

which by a clever adaptation of the laws of physics gives increased efficiency to the heating system and places it absolutely under control. It enables one during the coldest weather to carry heat all night and find the radiators warm in the morning. It also makes possible the control of the heating system according to the outside temperature so that there is no overheating on mild days. All this is accomplished not at the expense of fuel but at an actual economy of from 25 to 40 per cent.

Can be applied to any Steam Heating System, old or new, at small expense

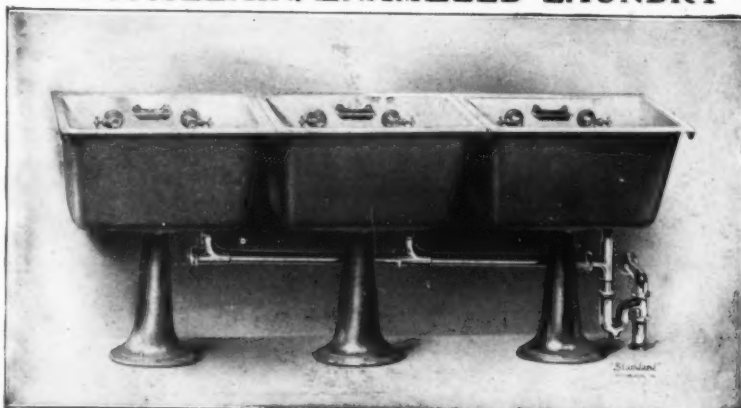
Write us for full information of this unique and interesting invention and our free booklet, "Hints on Modern Steam Heating."

NORWALL MANUFACTURING COMPANY (Dept. G.)

42 East 23rd Street
NEW YORK

138 Jackson Boulevard
CHICAGO

"Standard" PORCELAIN. ENAMELED LAUNDRY TRAYS



Standard P1296

"Standard" Porcelain Enameled Laundry Trays are the most modern and sanitary laundry equipment made. Every tray is made in one piece, absolutely free from the cracks and plaster paris joints necessary in slate, stone and composition fixtures.

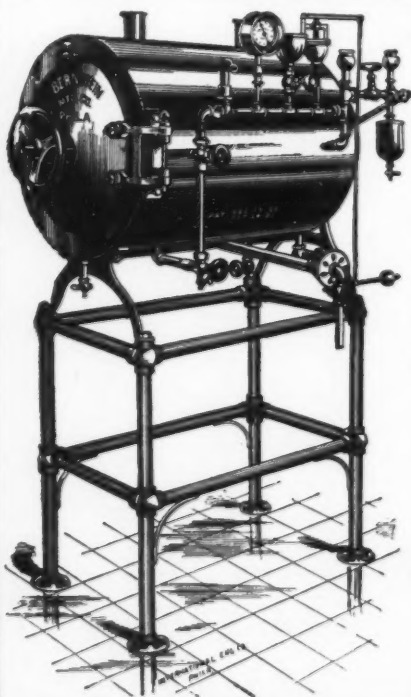
"Standard" Laundry Trays are as far superior to the slate, stone and clay kind as modern plumbing is to unsanitary old-fashioned kind.

By specifying "Standard" ware you insure your client's satisfaction and safeguard your own judgment.

Standard Sanitary Mfg. Co. PITTSBURGH, U. S. A.

"Standard" Porcelain Enameled Flat Rim Laundry Trays, with nickel-plated Soap Dishes, Waste Plugs, Couplings and Rubber Stoppers, Nickel-plated Fuller Adjustable Flange Bibbs, Continuous Waste and Vented "S" Trap.

When about to specify or order laundry equipment, we respectfully refer you to our General Catalogue "P," in which is illustrated and described the most complete line of laundry fixtures made.



Our Par Excellence Surgical Dressing Sterilizer

**For Hospitals and Surgeons who Demand Perfect
and Quick Results**

No air pockets can remain in Sterilizing Chamber by Our Process. Made in five sizes.

See the 1904 Model of our "Par Excellence" before placing your order.

Built for Sterilizing by Steam under pressure.

Inner Shell of heavy Copper surrounded by series of Copper Tubes rolled into Brass Casted Heads.

Finished in polished Copper, Nickel Plated or Polished Brass.

Perfect Dry Dressings obtainable.

No detachable back head to cause leaks.

Both Gas and Steam from the House Plant can be utilized as the heating medium.

No soldered connections, hence no leaky joints.

Finishing jacket of Seamless Drawn Copper or Brass.

Door of entrance simple in its action.

15 lbs. steam pressure can be generated by Gas Heat in twelve minutes.

Send for Catalogue

BERNSTEIN MFG. CO.

Makers of High-grade Aseptic
Hospital Furniture, Sterilizing
Apparatus, Metallic Bedsteads

3d St. and Allegheny Ave. **PHILADELPHIA, PA.**



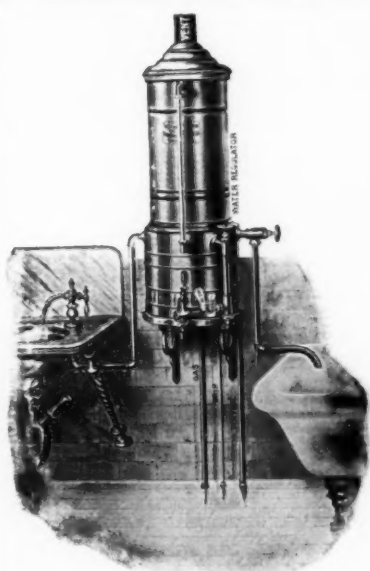
This dissection shows why the

NEVER-SPLIT SEAT

never cracks or comes apart. Each section is properly cut with the grain of the wood at its greatest strength, and the sections are firmly bolted together. Let us send you our new catalogue. It explains thoroughly.

NEVER-SPLIT SEAT COMPANY

EVANSVILLE, INDIANA



Hot Water Always

If You Use A

HUMPHREY

Crescent Instantaneous Water Heater

Every Heater Guaranteed
For Catalogue and Prices, send to

Humphrey Co., Kalamazoo, Mich.

538 ROSE STREET

Established 1859



**PANTRY
SINKS**

**John Trageser
Steam Copper
Works**

447 to 457 West Twenty-Sixth Street
NEW YORK CITY

DRAIN BOARDS

Manufacturers of German Silver and White Metal Work for Hotels, Clubs, Private Residences, Etc., also all kinds of Copper, Steel and Brass Work.

A Paradox.

Articles that are great favorites are nearly always high-priced. You must pay for their popularity. It's just the other way with the

WEBSTER SYSTEM OF STEAM CIRCULATION

Everybody likes it best, because it gives him just as much or as little heat as he wants in his own room. Yet instead of costing *more*, this favorite system saves immensely in comparison with others.

If you want to understand why, write us to-day for booklet 21-H.



WARREN WEBSTER
& Co.
CAMDEN, N. J.

SAVES COAL

Heat the house comfortably

Your clients can keep their house at the temperature they like and prevent colds, grip or pneumonia. They can save 25% of coal used and need never drop a good book, or stop an exciting game to regulate the heater drafts. It is all done automatically from the living room by the

POWERS AUTOMATIC HEAT REGULATOR

It maintains a uniform comfortable heat: is simple, saving, hygienic and never fails to work. It fits any system, new or old—hot water, hot air or steam. People can be more comfortable by allowing the Powers Regulator to look after the heater this winter.

Used in residences the world over.

Send for free book

Powers Regulator Co., 40 Dearborn St., Chicago
115 5th Ave., New York

ALL THE HEAT YOU WANT—AND NO MORE

¶ This is what you will enjoy every day next winter if your house or building is equipped with the

THERMOGRADE SYSTEM

¶ It saves 33% of your coal bill.

SEND FOR BOOKLET. ADDRESS

Thermograde Valve Company, BOSTON: Old South Building
BALTIMORE: 206 No. Liberty St.



A FACTOR IN HEATING

The problem of obtaining proper humidity with purity in indoor atmosphere, when steam or hot-water heat is used, is often a serious one.

The Geetzy Air Moistener

solves any difficulty of this kind. It is a simple device and it accomplishes wonders. It keeps indoor air moist and pure. See our catalogue in Sweet's Index or write for booklet.

THE GEETZY CO., Dept. O., 211-213 Madison St.
CHICAGO

THE AGITATORS are a very important part of the



National Filter

They keep the filter bed clean and of a perfectly even density, so that congealing and channeling are impossible.

We make filters of absolute reliability for all purposes.

Write for our new illustrated book on filtration

The National Filter Co.

CHICAGO, ILL.

603 N. Calvert Street,
1221 Grand Avenue,
157 Baronne Street,

Baltimore, Md.
Kansas City Mo.
New Orleans, La.

Windmill power is economical and thoroughly reliable. Adapted to various purposes. Our catalog and booklets tell all about

"Star" Windmills

that do satisfactory work. They possess highest quality and workmanship. No better mills made.

You can have independent water privileges at your country home by installing a "STAR" Water Supply Outfit. Makes the home sanitary. Designed for summer and winter use, being made frost-proof when required for cold climate.

There is no system so reliable for fire protection as an elevated water tank. Always ready for an emergency.

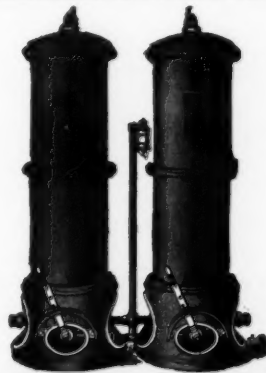
Write us explaining your wants, and full data and prices will be furnished.



Flint & Walling Mfg. Co.
Dept. H.

KENDALLVILLE, IND., U. S. A.

New York Office, - - 96 Wall Street



LOOMIS FILTERS

**"The Only Filter
That Can Perfectly
Cleanse Itself."**

For Residences, Institutions, Office Buildings,
Hotels and Apartment Houses.

LOOMIS-MANNING FILTER CO.

Main Office: Land Title Bldg., Philadelphia, Pa.

BRANCH OFFICES:

New York: Flatiron Bldg. Baltimore: Union Trust
Bldg. Boston: Exchange Bldg. Washington: Col-
orado Bldg.

FIFTY YEARS OF QUALITY

WOLFF'S PLUMBING GOODS



"PEERLESS" Monarch Solid Porcelain Bath Tub

¶ As with all goods bearing the name of "Wolff" our solid porcelain fixtures are designed by our own designers and are manufactured in our own factories.

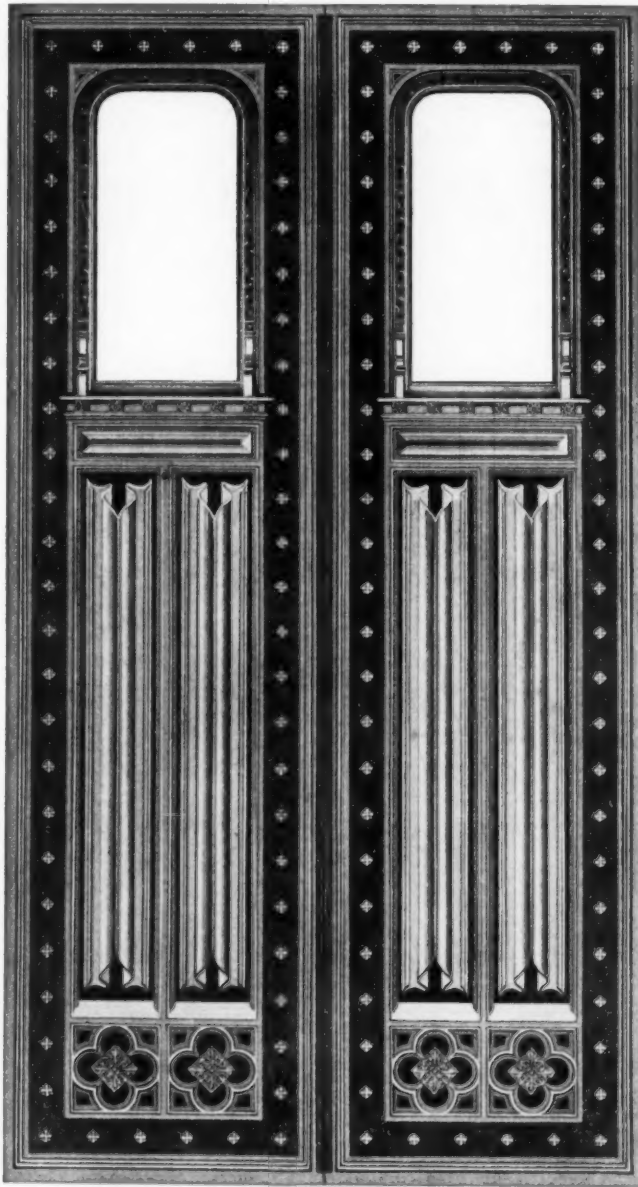
¶ That architect and owner appreciate this unity of purpose is perhaps best shown by the fact that the Wolff factories are the largest in this country devoted to producing a complete line of plumbing material.

L. Wolff Manufacturing Co.

CHICAGO, ILL., U. S. A.

Manufacturers of Plumbing Material Exclusively

ESTABLISHED 1855



DETAIL OF BRONZE ELEVATOR ENCLOSURE DOORS
Trinity Building, New York Francis H. Kimball, Architect

Ornamental Iron and Bronze

FOR ENTIRE BUILDING EXECUTED BY

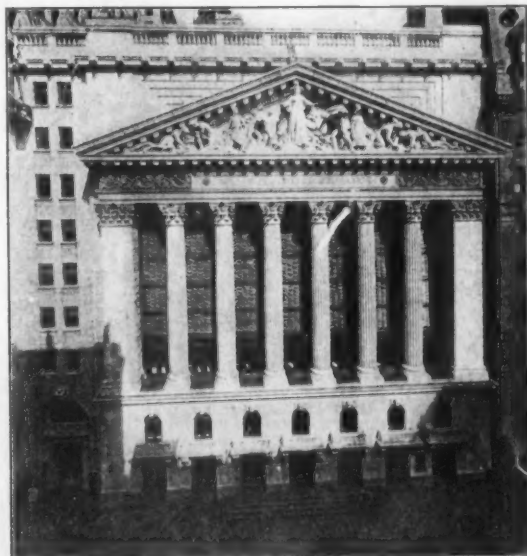
THE WINSLOW BROS. COMPANY

CHICAGO

NEW YORK

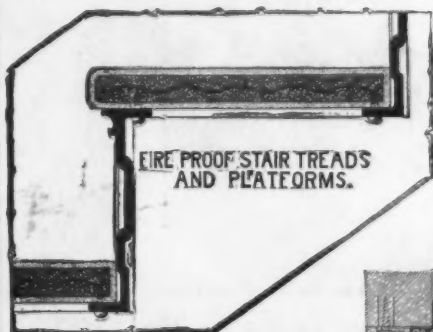
HECLA IRON WORKS

Office & Works: North Eleventh & Berry Streets, Brooklyn, New York

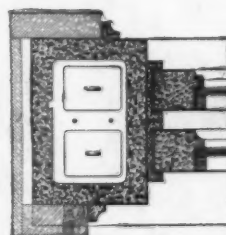


New York Stock Exchange
Geo. B. Post, Architect

“HECLA FIREPROOFING” PATENTED



FIRE PROOF STAIR TREADS
AND PLATFORMS.



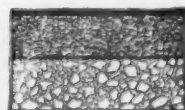
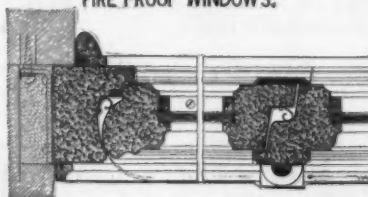
FIRE PROOF WINDOWS.



F.P. COLUMN COVERS



FIRE PROOF
DOORS AND ARCHITRAVES.



FIRE PROOF FLOOR

The Hecla Iron Works manufacture combinations of Metal with Fireproof Material for Windows, Doors and Architraves, Stair Treads and Platforms, Column Coverings, Partitions, Elevator Enclosures, Floorings, Etc.

